

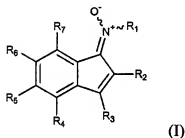
IN THE CLAIMS

The following is an updated listing of the claims in the application with claims

1, 2, 3, 5, 10 and 12 shown as currently amended and claim 13 as cancelled:

LISTING OF CLAIMS

1. (Currently amended) An indene derivative of formula (I) or a pharmaceutically acceptable salt thereof:



wherein,

R₁ is C₁₋₆ alkyl, C₁₋₆ alkenyl, or C₃₋₆ cycloalkyl, each of which is unsubstituted or substituted with one or more phenyl groups;

R₂ is H, CN, CO₂R^a, CH₂CO₂R^a, CONR^bR^c,



, or phenyl;

R₃ is C₁₋₆ alkyl, C₃₋₆ cycloalkyl, ~~or~~ naphthyl, phenyl,



,



, or



,

which is phenyl and



being each

unsubstituted or substituted with one or more substituents selected from the group consisting of halogen, CN, NH₂, NO₂, OR^a, phenoxy, C₁₋₆ alkyl, and C₃₋₆ cycloalkyl; and

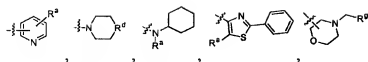
R₄, R₅, R_{6a}, and R₇ are each independently H, OH, OSO₂CH₃, O(CH₂)_mR^e, CH₂R^f, OCOCH₂OR^g, OCH₂CH₂OR^g ~~or~~ OCH₂CH=CHR^g or pyridine-2-yloxy, or R₅ and R₆ together form OCH₂O;

in which R^a is H, ~~or~~ C₁₋₆ alkyl, or C₃₋₆ cycloalkyl, which is C₁₋₆ alkyl and C₃₋₆ cycloalkyl being each unsubstituted or substituted with one or more halogens;

R^b and R^c are each independently H, C₁₋₆ alkyl, or C₃₋₆ cycloalkyl;

R^d is O, S, or NR^a;

R^e is H, halogen, C₃₋₆ cycloalkyl, naphthyl,



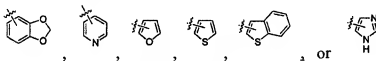
, adamantly, or phenyl, which is phenyl being unsubstituted or substituted with one or more substituents selected from the group consisting of halogen, CN, NH₂, NO₂, OR^a, CF₃, and COOR^a,

R^f is OCH₂CH₂R^g or ;

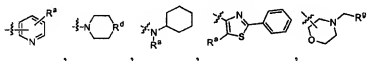
R^g is phenyl, which is unsubstituted or substituted with one or more substituents selected from the group consisting of halogen, CN, NH₂, NO₂, and OR^a; and

m is an integer in the range of 1 to 5.

2. (Currently amended) The compound of claim 1, wherein R₁ is C₁₋₆ alkyl, which is unsubstituted or substituted with a phenyl group; R₂ is H, CN, CO₂R^a, CH₂CO₂R^a, CONR^bR^c, or phenyl; R₃ is C₁₋₆ alkyl, C₃₋₆ cycloalkyl, or phenyl,



, or phenyl being unsubstituted or substituted with one or more substituents selected from the group consisting of halogen, C₁₋₆ alkyl, and C₃₋₆ cycloalkyl; R₄ and R₇ are H; R₅ and R₆ are each independently OH, OSO₂CH₃, O(CH₂)_mR^c, CH₂R^f, OCOCH₂OR^g, OCH₂CH₂OR^g, or OCH₂CH=CHR^g, or together form OCH₂O; R^a is H or C₁₋₆ alkyl; R^d is O or NCH₃; R^e is H, halogen, C₃₋₆ cycloalkyl, naphthyl,



, or phenyl, which is phenyl being unsubstituted or substituted with one or more substituents selected from the group consisting of halogen, OH, methoxy, CF₃, and COOR^a; R^f is OCH₂CH₂R^g or

; and R^g is phenyl.

3. (Currently amended) The compound of claim 2, wherein R₁ is CH₃; R₂ is H, CN, CO₂R^a, or CONR^bR^c; R₃ is C₁₋₆ alkyl, or phenyl,



, or , which is phenyl being unsubstituted or substituted with one or more halogens or C_{1-6} alkyl groups; and R_5 and R_6 are each independently $O(CH_2)_mR^e$ or CH_2R^f , or together form OCH_2O .

4. (As originally filed) The compound of claim 1, which is selected from the group consisting of:

- 1) 6-methoxy-1-(*trans*-methylimino-*N*-oxy)-3-phenyl-1H-indene-2-carboxylate ethyl ester
- 2) 1-(*trans*-isopropylimino-*N*-oxy)-6-methoxy-3-phenyl-1H-indene-2-carboxylate ethyl ester
- 3) 1-(*trans*-benzylimino-*N*-oxy)-6-methoxy-3-phenyl-1H-indene-2-carboxylate ethyl ester
- 4) 1-(*trans*-ethylimino-*N*-oxy)-6-methoxy-3-phenyl-1H-indene-2-carboxylate ethyl ester
- 5) 6-methoxy-1-(*trans*-phenylpropylimino-*N*-oxy)-3-phenyl-1H-indene-2-carboxylate ethyl ester
- 6) 6-methoxy-1-(*trans*-(2-methylbutenylimino)-*N*-oxy)-3-phenyl-1H-indene-2-carboxylate ethyl ester
- 7) 1-(*trans*-isobutylimino-*N*-oxy)-6-methoxy-3-phenyl-1H-indene-2-carboxylate ethyl ester
- 8) 1-(*trans*-methylimino-*N*-oxy)-6-(2-morpholine-4-ylethoxy)-3-phenyl-1H-indene-2-carboxylate ethyl ester
- 9) 1-(*trans*-methylimino-*N*-oxy)-3-phenyl-6-(3-phenylpropoxy)-1H-indene-2-carboxylate ethyl ester
- 10) 1-(*trans*-methylimino-*N*-oxy)-6-phenylethoxy-3-phenyl-1H-indene-2-carboxylate ethyl ester
- 11) 3-furan-3-yl-1-(*trans*-methylimino-*N*-oxy)-6-(3-phenylpropoxy)-1H-indene-2-carboxylate ethyl ester
- 12) 6-hydroxy-1-(*trans*-methylimino-*N*-oxy)-3-phenyl-1H-indene-2-carboxylate ethyl ester
- 13) 1-(*cis*-methylimino-*N*-oxy)-3-phenyl-6-(3-phenylpropoxy)-1H-indene-2-carboxylate ethyl ester
- 14) 3-(*trans*-methylimino-*N*-oxy)-1-phenyl-3H-indene-5-ol
- 15) 1-(*trans*-methylimino-*N*-oxy)-3-phenyl-6-(5-phenylpentyl)-1H-indene-2-carboxylate ethyl ester
- 16) 1-(*cis*-methylimino-*N*-oxy)-3-phenyl-6-(5-phenylpentyl)-1H-indene-2-carboxylate ethyl ester
- 17) 6-[2-(4-chlorophenoxy)acetoxy]-1-(*trans*-methylimino-*N*-oxy)-3-phenyl-1H-indene-2-carboxylate ethyl ester

- 18) 6-[2-(4-chlorophenoxy)ethoxy]-1-(*trans*-methylimino-*N*-oxy)-3-phenyl-1H-indene-2-carboxylate ethyl ester
- 19) 1-(*trans*-methylimino-*N*-oxy)-6-(naphthalene-2-ylmethoxy)-3-phenyl-1H-indene-2-carboxylate ethyl ester
- 20) methyl-[3-phenyl-6-(3-phenylpropoxy)indene-1-ylidene]amine-*N*-oxide
- 21) 1-(*trans*-methylimino-*N*-oxy)-6-[2-(5-methyl-2-phenylthiazol-4-yl)ethoxy]-3-phenyl-1H-indene-2-carboxylate ethyl ester
- 22) 1-(*trans*-methylimino-*N*-oxy)-3-phenyl-6-(3-phenylpropoxy)-1H-indene-2-carboxylate ethyl ester
- 23) 6-[2-(4-hydroxyphenyl)ethoxy]-1-(*trans*-methylimino-*N*-oxy)-3-phenyl-1H-indene-2-carboxylate ethyl ester
- 24) 6-(2-adaman-1-ylethoxy)-1-(*trans*-methylimino-*N*-oxy)-3-phenyl-1H-indene-2-carboxylate ethyl ester
- 25) 6-(2-cyclohexylethoxy)-1-(*trans*-methylimino-*N*-oxy)-3-phenyl-1H-indene-2-carboxylate ethyl ester
- 26) 1-(*trans*-methylimino-*N*-oxy)-3-phenyl-6-(3-phenylpropenoxy)-1H-indene-2-carboxylate ethyl ester
- 27) 6-[2-(2-fluorophenyl)ethoxy]-1-(*trans*-methylimino-*N*-oxy)-3-phenyl-1H-indene-2-carboxylate ethyl ester
- 28) 6-[2-(3-fluorophenyl)ethoxy]-1-(*trans*-methylimino-*N*-oxy)-3-phenyl-1H-indene-2-carboxylate ethyl ester
- 29) 6-[2-(4-fluorophenyl)ethoxy]-1-(*trans*-methylimino-*N*-oxy)-3-phenyl-1H-indene-2-carboxylate ethyl ester
- 30) 1-(*trans*-methylimino-*N*-oxy)-3-phenyl-6-[2-(3-trifluoromethylphenyl)ethoxy]-1H-indene-2-carboxylate ethyl ester
- 31) 6-(4-methoxycarbonylbenzyloxy)-1-(*trans*-methylimino-*N*-oxy)-3-phenyl-1H-indene-2-carboxylate ethyl ester
- 32) 1-(*trans*-methylimino-*N*-oxy)-3-phenyl-6-(3-phenylpropoxy)-1H-indene-2-carboxylate ethyl amide
- 33) 1-(*trans*-methylimino-*N*-oxy)-6-(2-morpholine-4-ylethoxy)-3-phenyl-1H-indene-2-carboxylate ethyl ester
- 34) 6-[2-(cyclohexylmethylamino)ethoxy]-1-(*trans*-methylimino-*N*-oxy)-3-phenyl-1H-indene-2-carboxylate ethyl ester
- 35) 3-(2-fluorophenyl)-6-methoxy-1-(*trans*-methylimino-*N*-oxy)-1H-indene-2-carboxylate ethyl ester
- 36) 1-(*trans*-methylimino-*N*-oxy)-6-[2-(4-methylpiperazine-1-yl)ethoxy]-3-phenyl-1H-indene-2-carboxylate ethyl ester
- 37) (2,3-diphenyl indene-1-yl lidene)methylamine-*N*-oxide
- 38) 1-(*trans*-methylimino-*N*-oxy)-3-phenyl-6-(3-phenylpropoxy)-1H-indene-2-carboxylate isopropyl amide
- 39) 1-(*trans*-methylimino-*N*-oxy)-3-phenyl-6-(3-phenylpropoxy)-1H-indene-2-carboxylate cyclohexyl amide
- 40) [1-(*trans*-methylimino-*N*-oxy)-3-phenyl-6-(3-phenylpropoxy)-1H-indene-2-

yl]morpholine-4-yl-methanone

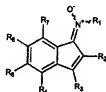
- 41) 1-(*trans*-methylimino-*N*-oxy)-6-(2-morpholine-4-yl-ethoxy)-3-phenyl-1H-indene-2-carboxylate cyclohexyl amide
- 42) 1-(*trans*-methylimino-*N*-oxy)-3-phenyl-5-(3-phenylpropoxy)-1H-indene-2-carboxylate ethyl ester
- 43) 1-(*trans*-methylimino-*N*-oxy)-6-phenethyloxymethyl-3-phenyl-1H-indene-2-carboxylate ethyl ester
- 44) (6-methoxy-3-phenylindene-1-ylidene)methylamine-*N*-oxide
- 45) 1-(*cis*-methylimino-*N*-oxy)-6-(2-morpholine-4-ylethoxy)-3-phenyl-1H-indene-2-carboxylate ethyl ester
- 46) 6-(2-bromoethoxy)-1-(*trans*-methylimino-*N*-oxy)-3-phenyl-1H-indene-2-carboxylate ethyl ester
- 47) 1-(*trans*-methylimino-*N*-oxy)-6-(2-morpholine-4-ylethoxy)-3-phenyl-1H-indene-2-carboxylate *tert*-butyl ester
- 48) 1-(*trans*-methylimino-*N*-oxy)-5,6-methylenedioxy-1-oxo-3-phenyl-1H-indene-2-carboxylate ethyl ester
- 49) 4-[2-isopropylcarbamoyl-3-(*trans*-methylimino-*N*-oxy)-1-phenyl-3H-indene-5-yl-oxylmethyl]benzoate methyl ester
- 50) 1-(*trans*-methylimino-*N*-oxy)-6-(2-morpholine-4-ylethoxy)-3-phenyl-1H-indene-2-carboxylate isopropyl amide
- 51) 1-(*trans*-methylimino-*N*-oxy)-6-(2-morpholine-4-ylethoxy)-3-phenyl-1H-indene-2-carboxylate cyclopropyl amide
- 52) 3-(3-fluorophenyl)-1-(*trans*-methylimino-*N*-oxy)-6-(2-morpholine-4-ylethoxy)-1H-indene-2-carboxylate isopropyl amide
- 53) (6-methoxy-1-(*trans*-methylimino-*N*-oxy)-3-phenyl-1H-indene-2-yl)acetate ethyl ester
- 54) (6-methoxy-1-(*cis*-methylimino-*N*-oxy)-3-phenyl-1H-indene-2-yl)acetate ethyl ester
- 55) 5-[2-(5-ethylpyridine-2-yl)ethoxy]-1-(*trans*-methylimino-*N*-oxy)-3-phenyl-1H-indene-2-carboxylate isopropyl amide
- 56) 1-(*trans*-methylimino-*N*-oxy)-6-(3-phenylpropoxy)-3-*p*-tolyl-1H-indene-2-carboxylate ethyl ester
- 57) 1-(*trans*-methylimino-*N*-oxy)-6-(3-phenylpropoxy)-3-thiophene-2-yl-1H-indene-2-carboxylate ethyl ester
- 58) 3-(4-chlorophenyl)-1-(*trans*-methylimino-*N*-oxy)-6-(3-phenylpropoxy)-1H-indene-2-carboxylate ethyl ester
- 59) 3-(5-chlorothiophene-2-yl)-1-(*trans*-methylimino-*N*-oxy)-6-(3-phenyl propoxy)-1H-indene-2-carboxylate ethyl ester
- 60) 1-(*trans*-methylimino-*N*-oxy)-6-(3-phenylpropoxy)-3-*m*-tolyl-1H-indene-2-carboxylate ethyl ester
- 61) 1-(*trans*-methylimino-*N*-oxy)-3-(4-phenoxyphenyl)-6-(3-phenylpropoxy)-1H-indene-2-carboxylate ethyl ester
- 62) 3-benzo-[1,3]-dioxol-5-yl-1-(*trans*-methylimino-*N*-oxy)-6-(3-phenyl propoxy)-

1H-indene-2-carboxylate ethyl ester

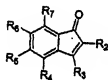
- 63) methyl-[6-(3-phenylpropoxy)-3-pyridine-2-yl-indene-1-ylidene]-amine-*N*-oxide
64) 3-furan-2-yl-1-(*trans*-methylimino-*N*-oxy)-6-(3-phenylpropoxy)-1H-indene-2-carboxylate ethyl ester
65) 3-ethyl-1-(*trans*-methylimino-*N*-oxy)-6-(3-phenylpropoxy)-1H-indene-2-carboxylate ethyl ester
66) 3-methyl-1-(*trans*-methylimino-*N*-oxy)-6-(3-phenylpropoxy)-1H-indene-2-carboxylate ethyl ester
67) 1-(*trans*-methylimino-*N*-oxy)-6-(3-phenylpropoxy)-3-thiophene-3-yl-1H-indene-2-carboxylate ethyl ester
68) 3-cyclopropyl-1-(*trans*-methylimino-*N*-oxy)-6-(3-phenylpropoxy)-1H-indene-2-carboxylate ethyl ester
69) 1-(*trans*-methylimino-*N*-oxy)-6-(2-morpholine-4-ylethoxy)-3-thiophene-3-yl-1H-indene-2-carboxylate ethyl ester
70) 3-benzo-[b]-thiophene-3-yl-1-(*trans*-methylimino-*N*-oxy)-6-(3-phenyl propoxy)-1H-indene-2-carboxylate ethyl ester
71) 3-(1H-imidazole-4-yl)-1-(*trans*-methylimino-*N*-oxy)-6-(3-phenylpropoxy)-1H-indene-2-carboxylate ethyl ester
72) 3-(1-ethyl propyl)-1-(*trans*-methylimino-*N*-oxy)-6-(3-phenylpropoxy)-1H-indene-2-carboxylate ethyl ester
73) 1-(*trans*-methylimino-*N*-oxy)-3-phenyl-6-(3-phenylpropoxy)-1H-indene-2-carboxylate amide
74) 6-(4-benzylmorpholine-2-ylmethoxy)-1-(*trans*-methylimino-*N*-oxy)-3-phenyl-1H-indene-2-carboxylate isopropyl amide
75) 1-(*trans*-methylimino-*N*-oxy)-3-phenyl-6-(3-phenylpropoxy)-1H-indene-2-carbonitrile
76) 1-(*trans*-methylimino-*N*-oxy)-5,6-methylenedioxy-1-oxo-3-phenyl-1H-phenyl-2-carboxylate isopropyl amide
77) 1-(*trans*-methylimino-*N*-oxy)-6-morpholine-4-ylmethyl-3-phenyl-1H-indene-2-carboxylate ethyl ester
78) 1-(*trans*-methylimino-*N*-oxy)-3-phenyl-6-(2-pyridine-2-ylethoxy)-1H-indene-2-carboxylate ethyl ester
79) 6-[2-(5-ethylpyridine-2-yl)ethoxy]-1-(*trans*-methylimino-*N*-oxy)-3-phenyl-1H-indene-2-carboxylate ethyl ester
80) 1-(*trans*-methylimino-*N*-oxy)-3-phenyl-6-(2-pyridine-2-ylethoxy)-1H-indene-2-carboxylate isopropyl amide
81) 6-[2-(5-ethylpyridine-2-yl)ethoxy]-1-(*trans*-methylimino-*N*-oxy)-3-phenyl-1H-indene-2-carboxylate isopropyl amide
82) methyl-[6-(2-morpholine-4-ylethoxy)-3-phenylindene-1-ylidene]amine-*N*-oxide
83) 5,6-bis-methanesulfonyloxy-1-(*trans*-methylimino-*N*-oxy)-3-phenyl-1H-indene-2-carboxylate ethyl ester
84) 1-(*trans*-methylimino-*N*-oxy)-6-(2-morpholine-4-ylethoxy)-3-phenyl-1H-indene-2-carboxylate isobutyl ester

- 85) 1-(*trans*-methylimino-*N*-oxy)-6-(2-morpholine-4-ylethoxy)-3-phenyl-1H-indene-2-carboxylate methyl ester
- 86) 1-(*cis*-methylimino-*N*-oxy)-6-(2-morpholine-4-ylethoxy)-3-phenyl-1H-indene-2-carboxylate methyl ester
- 87) 1-(*trans*-methylimino-*N*-oxy)-6-(2-morpholine-4-ylethoxy)-3-phenyl-1H-indene-2-carboxylate propyl ester
- 88) 3-(4-fluorophenyl)-1-(*trans*-methylimino-*N*-oxy)-6-(2-morpholine-4-ylethoxy)-1H-indene-2-carboxylate ethyl ester
- 89) 1-(*trans*-methylimino-*N*-oxy)-3-phenyl-6-(pyridine-2-ylmethoxy)-1H-indene-2-carboxylate ethyl ester
- 90) 1-(*trans*-methylimino-*N*-oxy)-3-phenyl-6-(pyridine-2-yloxy)-1H-indene-2-carboxylate ethyl ester
- 91) 6-(3-methoxybenzyloxy)-1-(*trans*-methylimino-*N*-oxy)-3-phenyl-1H-indene-2-carboxylate ethyl ester
- 92) 1-(*trans*-methylimino-*N*-oxy)-6-(2-morpholine-4-ylethoxy)-3-thiophene-3-yl-1H-indene-2-carboxylate isopropyl amide
- 93) 3-(1-ethylpropyl)-1-(*trans*-methylimino-*N*-oxy)-6-(2-morpholine-4-yl ethoxy)-1H-indene-2-carboxylate ethyl ester
- 94) 3-benzo-[b]-thiophene-3-yl-1-(*trans*-methylimino-*N*-oxy)-6-(2-morpholine-4-ylethoxy)-1H-indene-2-carboxylate isopropyl amide
- 95) 3-(4-fluorophenyl)-1-(*trans*-methylimino-*N*-oxy)-6-(2-morpholine-4-ylethoxy)-1H-indene-2-carboxylate isopropyl amide
- 96) 3-(1-ethylpropyl)-1-(*trans*-methylimino-*N*-oxy)-6-(2-morpholine-4-ylethoxy)-1H-indene-2-carboxylate isopropyl amide
- 97) 1-(*trans*-methylimino-*N*-oxy)-6-(2-morpholine-4-ylethoxy)-3-(2,4,6-trimethylphenyl)-1H-indene-2-carboxylate ethyl ester
- 98) 3-(2,6-dimethylphenyl)-1-(*trans*-methylimino-*N*-oxy)-6-(2-morpholine-4-ylethoxy)-1H-indene-2-carboxylate ethyl ester
- 99) 1-(*trans*-methylimino-*N*-oxy)-3-phenyl-5-(2-pyridine-2-ylethoxy)-1H-indene-2-carboxylate isopropyl amide
- 100) 1-(*trans*-methylimino-*N*-oxy)-5-(2-morpholine-4-ylethoxy)-3-phenyl-1H-indene-2-carboxylate isopropyl amide
- 101) 1-(*cis*-methylimino-*N*-oxy)-6-(2-morpholine-4-ylethoxy)-3-phenyl-1H-indene-2-carboxylate isopropyl ester
- 102) 3-(3-fluorophenyl)-1-(*trans*-methylimino-*N*-oxy)-6-(2-pyridine-2-ylethoxy)-1H-indene-2-carboxylate isopropyl amide
- 103) 6-[2-(5-ethylpyridine-2-yl)ethoxy]-3-(3-fluorophenyl)-1-(*trans*-methylimino-*N*-oxy)-1H-indene-2-carboxylate isopropyl amide
- 104) 3-(4-cyanophenyl)-6-(2-morpholine-4-ylethoxy)-1-(*trans*-methylimino-*N*-oxy)-1H-indene-2-carboxylate ethyl ester
- 105) 1-(*trans*-methylimino-*N*-oxy)-3-phenyl-6-(2-pyridine-2-ylethoxy)-1H-indene-2-carboxylate isopropyl ester.

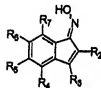
5. (Currently amended) A process for preparing the indene derivative of claim 1, which comprises the step of subjecting an indenone compound of formula (II) to a condensation reaction with R_1NHOH to obtain a compound of formula (I); or comprises the steps of subjecting an indenone compound of formula (II) to a condensation reaction with NH_2OH to obtain a compound of formula (III), and conducting a reaction of the compound of formula (III) with R_1X to obtain a compound of formula (I):



(I)



(II)






(III)

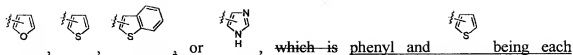
wherein,

X is halogen;

R_1 is C_{1-6} alkyl, C_{1-6} alkenyl, or C_{3-6} cycloalkyl, each of which is unsubstituted or substituted with one or more phenyl groups;

R_2 is H, CN, CO_2R^a , $CH_2CO_2R^a$, $CONR^bR^c$, , or phenyl;

R_3 is C_{1-6} alkyl, C_{3-6} cycloalkyl, or naphthyl, phenyl, , ,



unsubstituted or substituted with one or more substituents selected from the group consisting of halogen, CN, NH₂, NO₂, OR^a, phenyloxy, C₁₋₆ alkyl₁ and C₃₋₆ cycloalkyl; and

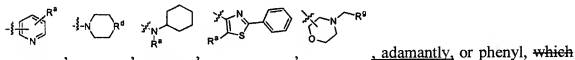
R₄, R₅, R_{6a} and R₇ are each independently H, OH, OSO₂CH₃, O(CH₂)_mR^c, CH₂R^f, OCOCH₂OR^g, OCH₂CH₂OR^g or OCH₂CH=CHR^g, or pyridine-2-yloxy, or R₅ and R₆ together form OCH₂O;

in which R^a is H, C₁₋₆ alkyl₁ or C₃₋₆ cycloalkyl, which is C₁₋₆ alkyl and C₃₋₆ cycloalkyl being each unsubstituted or substituted with one or more halogens;

R^b and R^c are each independently H, C₁₋₆ alkyl₁ or C₃₋₆ cycloalkyl;

R^d is O, S₂ or NR^a;

R^e is H, halogen, C₃₋₆ cycloalkyl, naphthyl,



is phenyl being unsubstituted or substituted with one or more substituents selected from the group consisting of halogen, CN, NH₂, NO₂, OR^a, CF₃, and COOR^a;

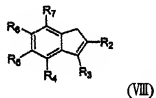
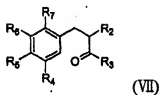
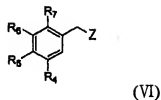
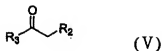
R^f is OCH₂CH₂R^g or ;

R^g is phenyl, which is unsubstituted or substituted with one or more substituents selected from the group consisting of halogen, CN, NH₂, NO₂, and OR^a; and

m is an integer in the range of 1 to 5.

6. (As originally filed) The process of claim 5, wherein the indenone compound of formula (II) is prepared by a process comprising the steps of:

- 1) reacting compounds of formula (V) and (VI) to obtain a compound of formula (VII);
- 2) subjecting the compound of formula (VII) to cyclization to obtain a compound of formula (VIII); and
- 3) subjecting the compound of formula (VIII) to oxidation.

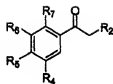


wherein,

R₂ to R₇ have the same meanings as defined in claim 5, and Z is halogen or activated leaving group.

7. (As originally filed) The process of claim 5, wherein the indenone compound of formula (II) is prepared by a process comprising the steps of:

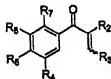
- 1) reacting compounds of formula (IX) and (X) to obtain a compound of formula (XI);
- 2) subjecting the compound of formula (XI) to cyclization to obtain a compound of formula (XII); and
- 3) subjecting the compound of formula (XII) to oxidation.



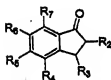
(IX)



(X)



(XI)



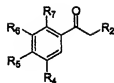
(XII)

wherein,

R₂ to R₇ have the same meanings as defined in claim 5.

8. (As originally filed) The process of claim 5, wherein the indenone compound of formula (II) is prepared by a process comprising the steps of:

- 1) reacting compounds of formula (IX) and (XIII) to obtain a compound of formula (XIV); and
- 2) subjecting the compound of formula (XIV) to cyclization.



(IX)



(XIII)



(XIV)

wherein,

R₂ to R₇ have the same meanings as defined in claim 5.

9. (As originally filed) The process of claim 5, wherein the indenone compound of formula (II) is prepared by a process comprising the steps of:

- 1) subjecting a compound of formula (XV) to bromination obtain a compound of formula (XVI); and
- 2) subjecting the compound of formula (XVI) to a carbon-carbon coupling reaction in the presence of a metal catalyst, or to a substitution reaction using a nucleophile.



(XV)



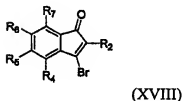
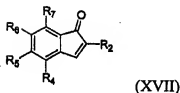
(XVI)

wherein,

R₃ to R₇ have the same meanings as defined in claim 5.

10. (Currently amended) The process of claim 5, wherein the indenone compound of formula (II) is prepared by a process comprising the steps of:

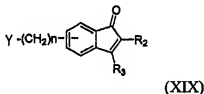
- 1) subjecting a compound of formula (XVII) to bromination to obtain a compound of formula (XVIII); and
- 2) subjecting the compound of formula (XVIII) to a carbon-carbon coupling reaction in the presence of a metal catalyst, or to a substitution reaction using a nucleophile.



wherein,

R_2 and R_4 to R_7 have the same meanings as defined in claim 5.

11. (As originally filed) The process of claim 5, wherein the indenone compound of formula (II) is prepared by subjecting a compound of formula (XIX) to an acylation reaction, a halogenation reaction followed by a substitution reaction by a nucleophile, or a carbon-carbon coupling reaction in the presence of a metal catalyst.



wherein,

R_2 and R_3 have the same meanings as defined in claim 5, Y is hydroxy, thiol, amino C_{1-6} alkyl or halogen, and n is an integer in the range of 0 to 5.

12. (Currently amended) A pharmaceutical composition for modulating the activities of peroxisome proliferator activated receptors (PPARs) comprising a ~~therapeutically effective amount of~~ the compound or salt defined in claim 1 as an active ingredient together with a pharmaceutically acceptable carrier.

13. (Canceled)